

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Sunshine Canyon Landfill, Facility ID No. 49111

Odor Complaints Reported to AQMD Alleging SCL; and Notices of Violation (NOV) Summary from 2009 to Present

Public Nuisance: AQMD Rule 402; Calif. H&S 41700

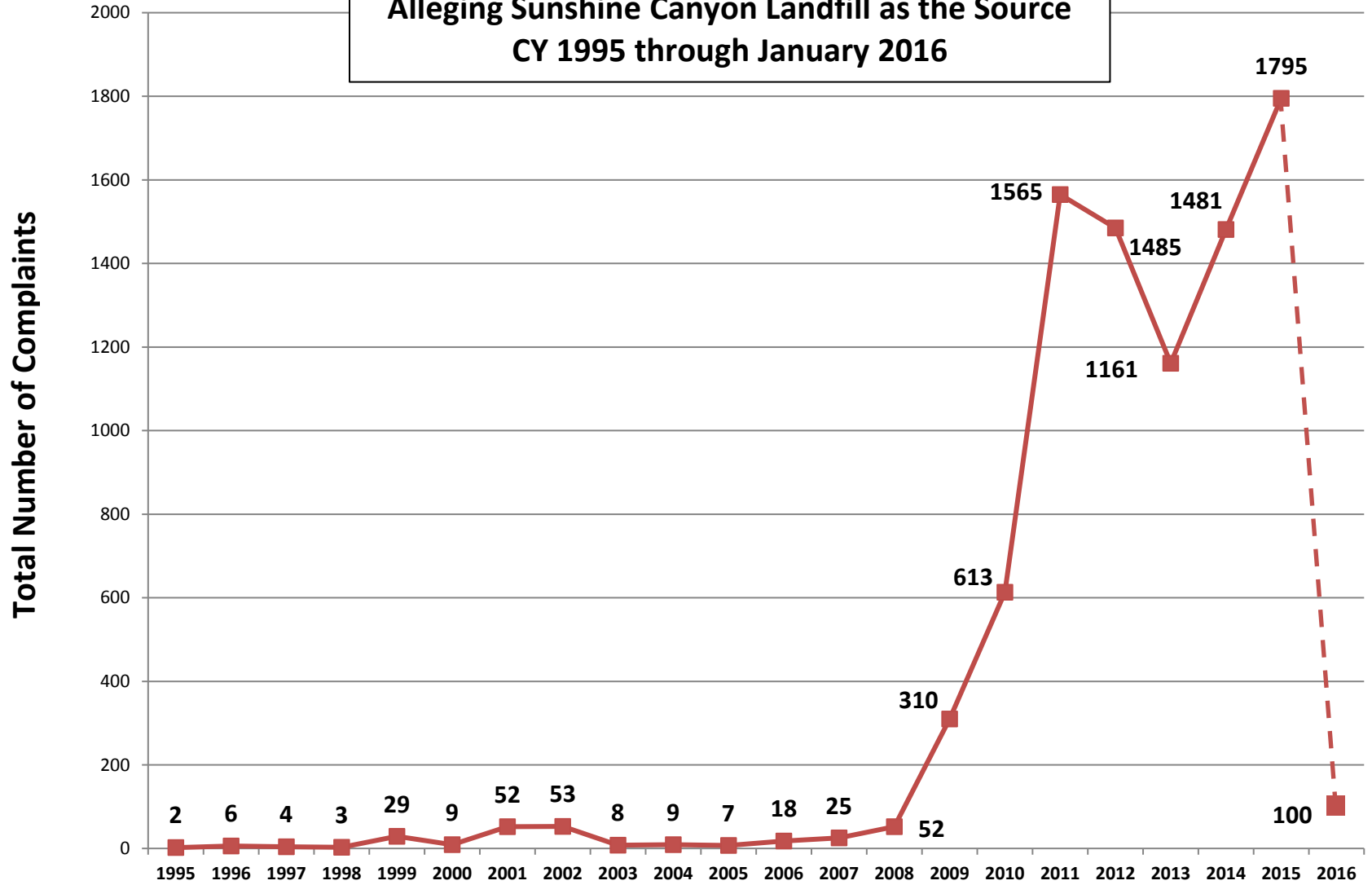
| | Jan | Feb | March | April | May | June | July | August | Sept | Oct | Nov | Dec | Total NOVs | Total Complaints |
|--------------------------------|-----|-----|-------|-------|-----|------|------|--------|------|-----|-----|-----|---------------|---------------------|
| 2009 | | | | | | | | | | | | | | |
| Complaints | 3 | 14 | 18 | 10 | 1 | 1 | 6 | 20 | 12 | 52 | 163 | 13 | | 313 |
| NOVs | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 5 | 0 | 7 | |
| 2010 | | | | | | | | | | | | | | |
| Complaints | 64 | 94 | 93 | 56 | 21 | 5 | 13 | 33 | 40 | 39 | 76 | 79 | | 613 |
| NOVs | 1 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 6 | |
| 2011 | | | | | | | | | | | | | | |
| Complaints | 138 | 173 | 222 | 99 | 92 | 45 | 36 | 138 | 181 | 191 | 126 | 124 | | 1565 |
| NOVs | 2 | 4 | 7 | 2 | 1 | 0 | 0 | 2 | 2 | 3 | 3 | 4 | 30 | |
| 2012 | | | | | | | | | | | | | | |
| Complaints | 163 | 104 | 66 | 129 | 97 | 55 | 113 | 140 | 216 | 171 | 92 | 139 | | 1485 |
| NOVs | 5 | 1 | 1 | 2 | 2 | 1 | 2 | 2 | 4 | 3 | 2 | 4 | 29 | |
| 2013 | | | | | | | | | | | | | | |
| Complaints | 82 | 108 | 112 | 112 | 46 | 62 | 65 | 97 | 136 | 176 | 93 | 72 | | 1161 |
| NOVs | 0 | 1 | 2 | 2 | 0 | 1 | 0 | 0 | 2 | 3 | 3 | 1 | 15 | |
| 2014 | | | | | | | | | | | | | | |
| Complaints | 32 | 37 | 164 | 122 | 52 | 28 | 83 | 81 | 302 | 223 | 80 | 278 | | 1482 |
| NOVs | 0 | 0 | 4 | 5 | 1 | 0 | 2 | 4 | 6 | 5 | 3 | 7 | 37 | |
| 2015 | | | | | | | | | | | | | | |
| Complaints | 260 | 119 | 297 | 60 | 12 | 41 | 23 | 126 | 337 | 370 | 85 | 65 | | 1795 |
| NOVs | 5 | 3 | 7 | 2 | 0 | 0 | 0 | 2 | 11 | 7 | 2 | 0 | 39 | |
| 2016 | | | | | | | | | | | | | | |
| Complaints | 100 | | | | | | | | | | | | | 100 |
| NOVs | 0 | | | | | | | | | | | | 0 | |
| Total R402 NOVs Issued to Date | | | | | | | | | | | | | | |
| Total Complaints | | | | | | | | | | | | | | 8514 |
| Total R402 NOVs Issued | | | | | | | | | | | | | | 163 |

NOVs for Other SCAQMD Rules

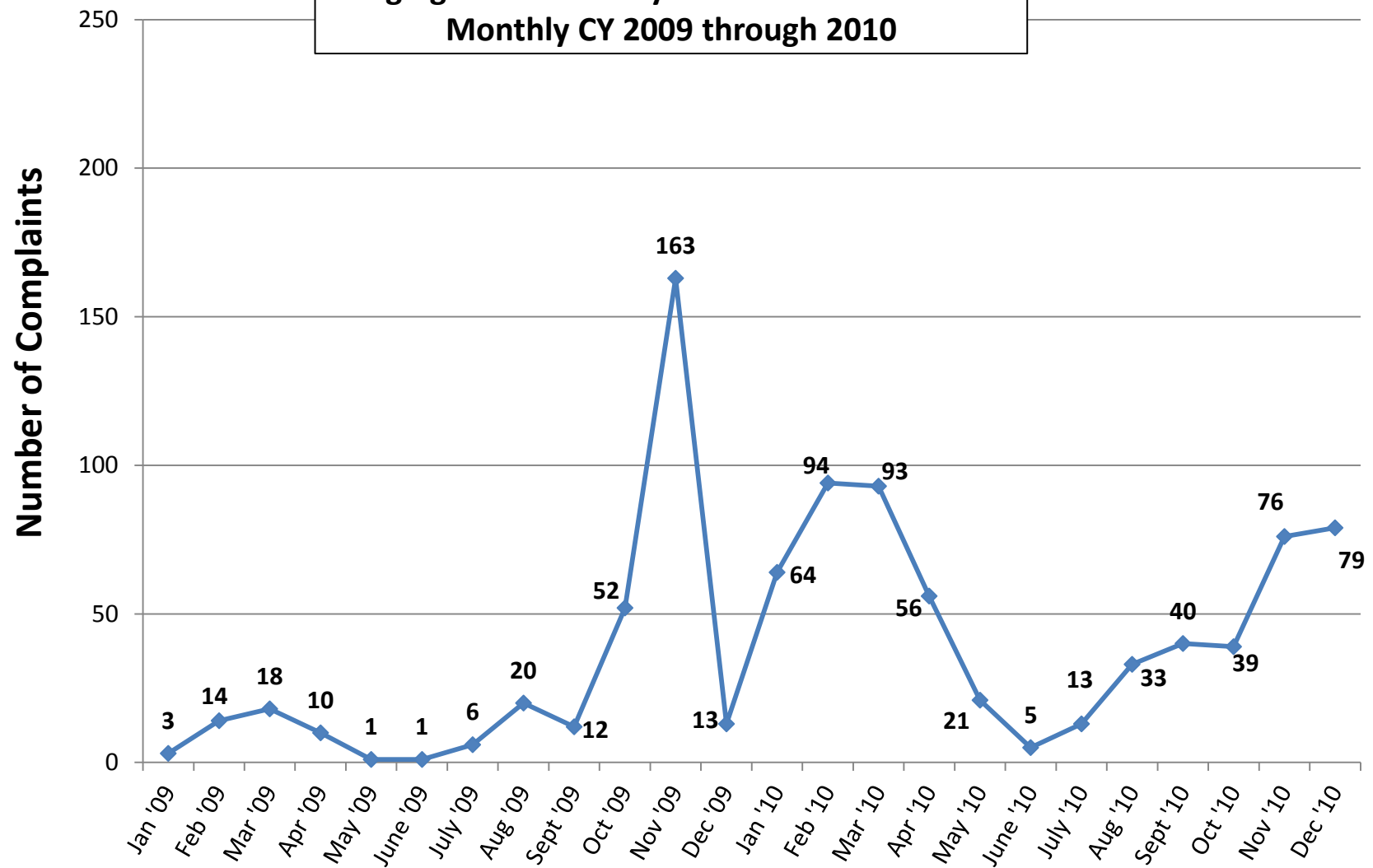
| | Jan | Feb | March | April | May | June | July | August | Sept | Oct | Nov | Dec | |
|-------------|--------|-----|-------|-------|--------|------|------|--------|--------|-----|--------|-----|---|
| 2011 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 2 |
| Rule | 1150.1 | | | | | | | | | | | | |
| 2012 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 6 |
| Rule | 1150.1 | | | | 1150.1 | | | | 1150.1 | | 1150.1 | | |
| 2013 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rule | | | | | | | | | | | | | |
| 2014 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rule | | | | | | | | | | | | | |
| 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Rule | | | | | | | | | | | | | |
| 2015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |
| Rule | | | | | | | | | | | | | |

| | |
|---------------------------|---|
| Total 1150.1 NOVs Issued | 8 |
| Total R1150.1 NOVs Issued | 8 |

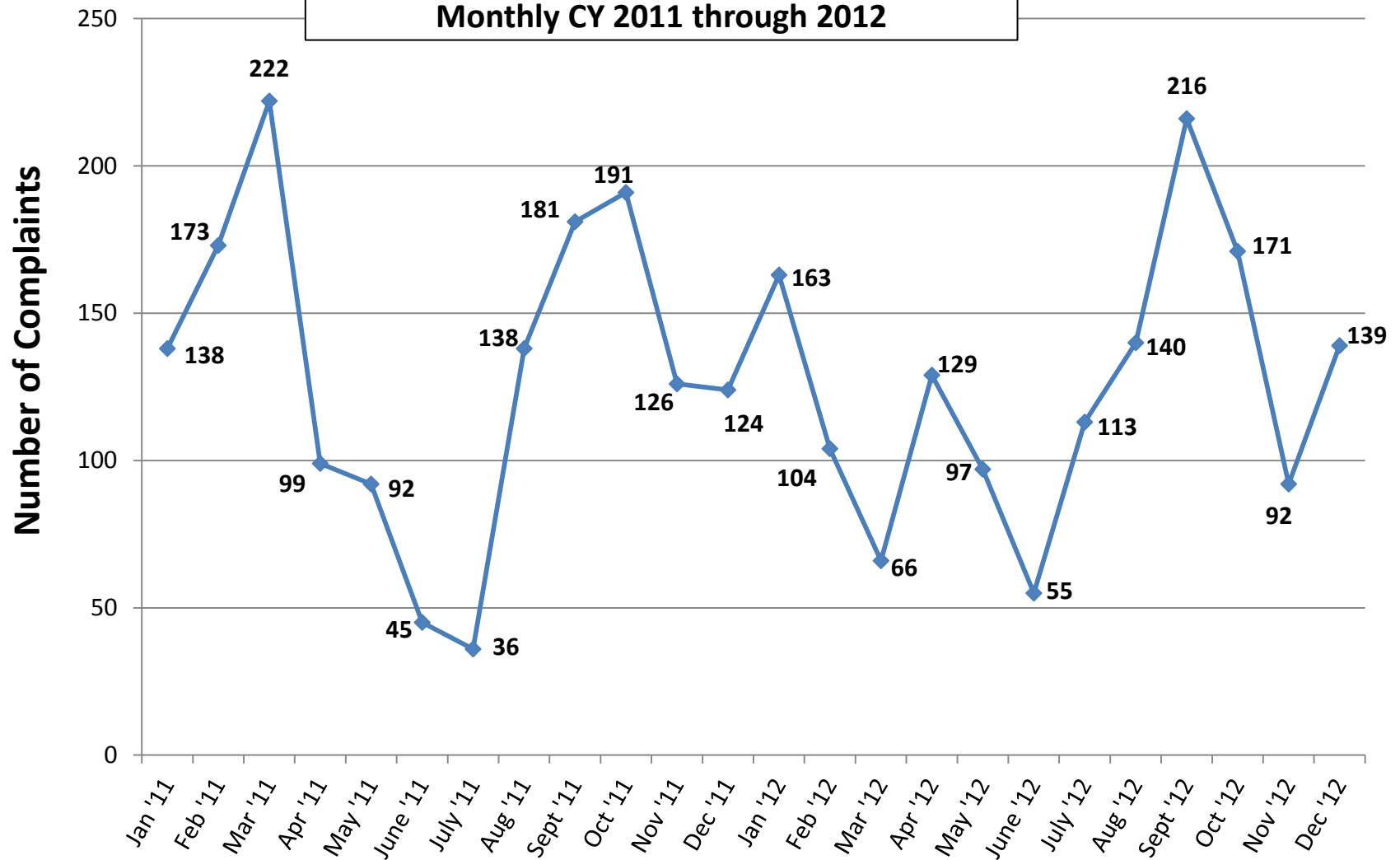
**Complaints Reported to the SCAQMD
Alleging Sunshine Canyon Landfill as the Source
CY 1995 through January 2016**



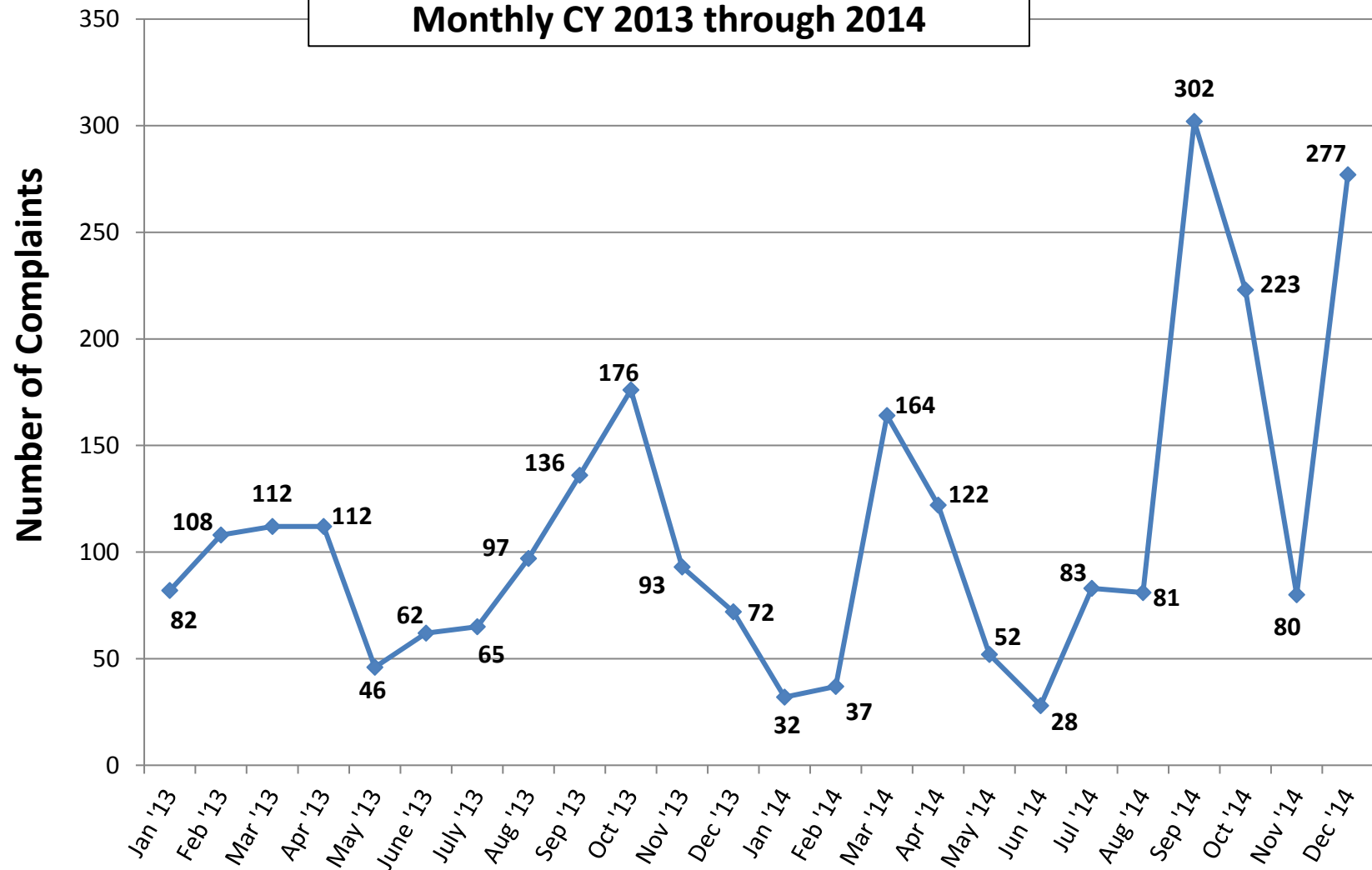
**Odor Complaints Reported to the SCAQMD
Alleging Sunshine Canyon Landfill as the Source
Monthly CY 2009 through 2010**



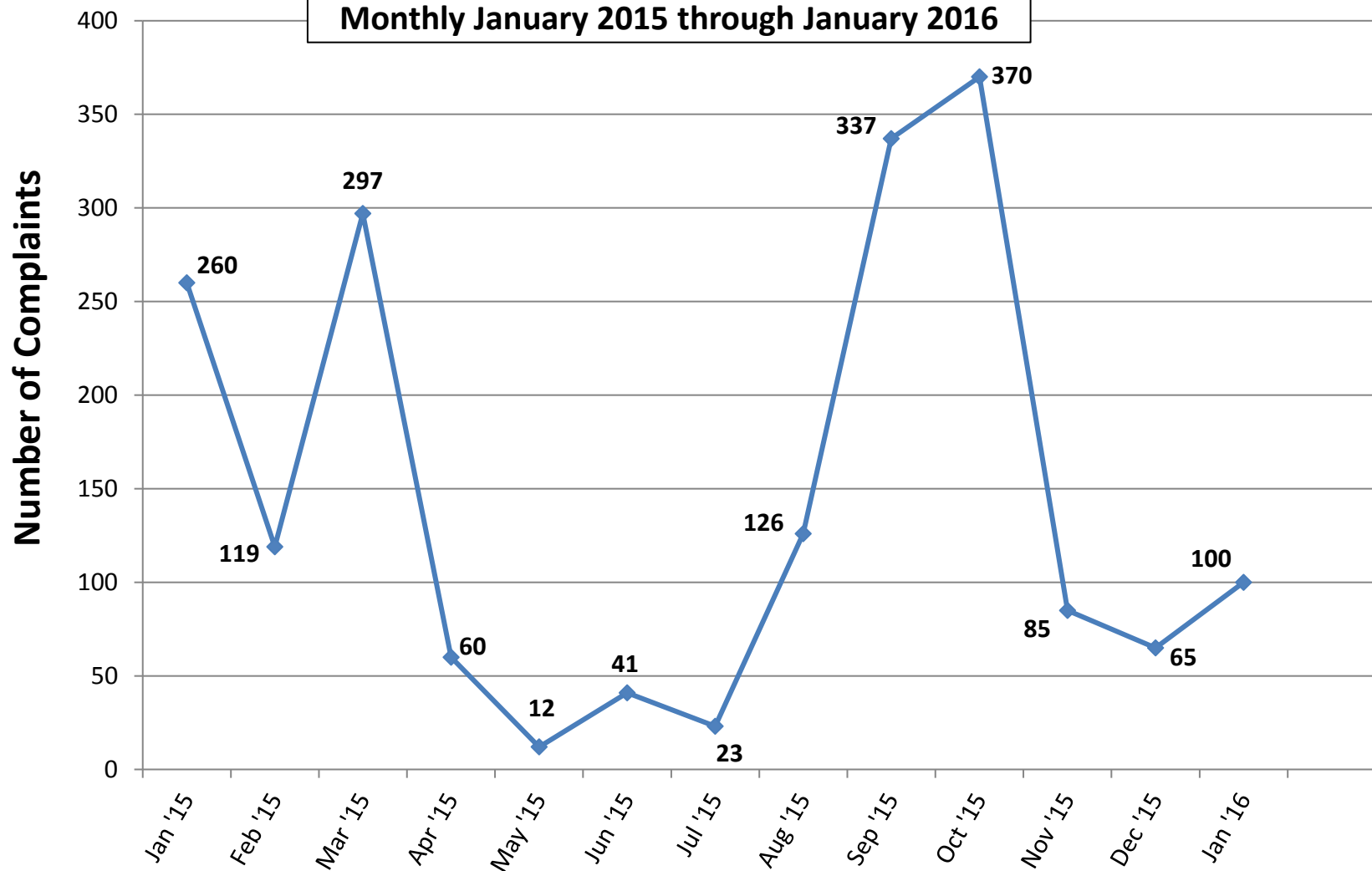
**Odor Complaints Reported to the SCAQMD
Alleging Sunshine Canyon Landfill as the Source
Monthly CY 2011 through 2012**



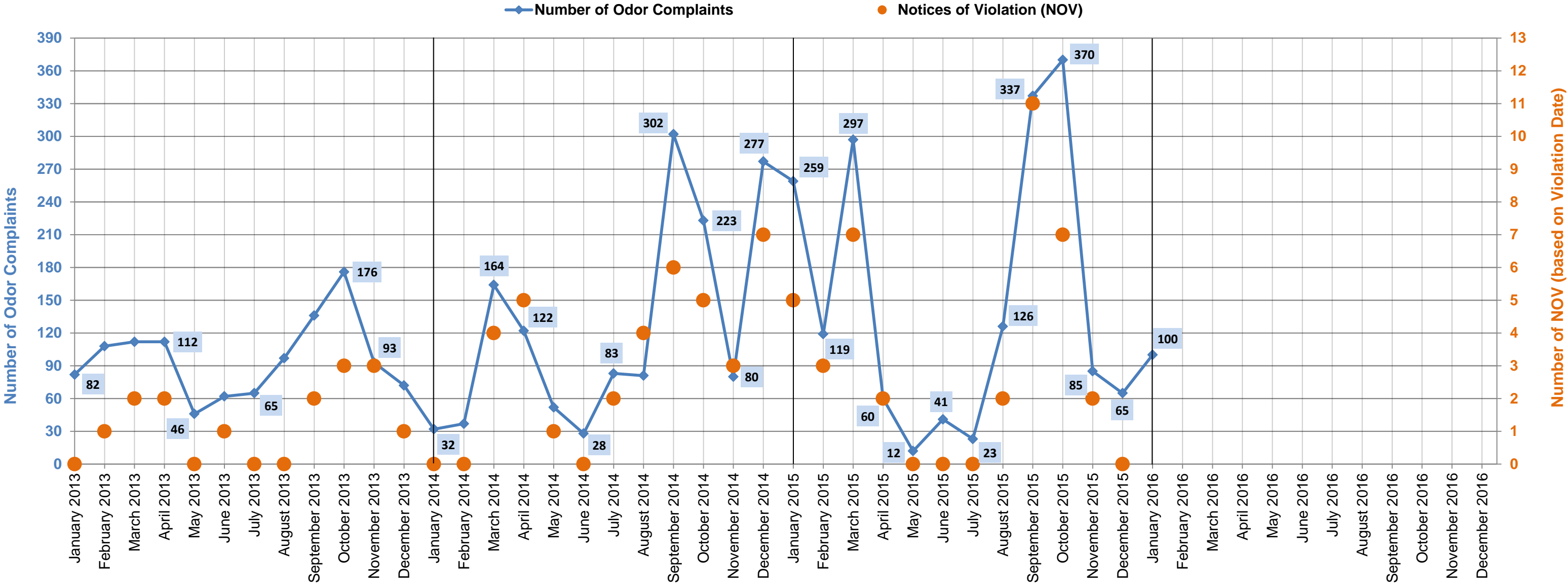
**Odor Complaints Reported to the SCAQMD
Alleging Sunshine Canyon Landfill as the Source
Monthly CY 2013 through 2014**



**Odor Complaints Reported to the SCAQMD
Alleging Sunshine Canyon Landfill as the Source
Monthly January 2015 through January 2016**



Number of Notices of Violation and Odor Complaints - Sunshine Canyon Landfill



60 vertical gas wells and 27 pumps were installed.

14 vertical gas wells installed.

Flare 10 became operational.

Gas well was damaged.

14 vertical gas wells were installed.

Ponded water, erosional rills, damaged protective soil layer, and trash exposure from a storm event were observed.

From Dec. 2013 to April 2014, 30 vertical gas wells and 25 pumps were installed.

9,500 linear feet of gas lines and 1,900 linear feet of header lines were installed.

24 vertical gas wells were installed.

July 21 - startup of the Gas-to-Energy facility commenced.

September 1 - Gas-to-Energy facility became fully operational.

29 vertical gas wells were installed, an 18-inch header was installed on the City-side, and well dewatering program was upgraded.

Trash exposure on several occasions were observed due to intense rainfall.

Nov. 3 - trash exposure was observed due to improper covering of trash from the previous Saturday evening.

11 vertical gas wells were installed.

September 16 - approximately 100' x 100' area of settlement within the existing refuse area on the City South portion was observed. Remediation of the area was completed the next day.

Oct. 12 - Alternative Daily Cover Pilot Project commenced.

18 vertical gas wells were installed.

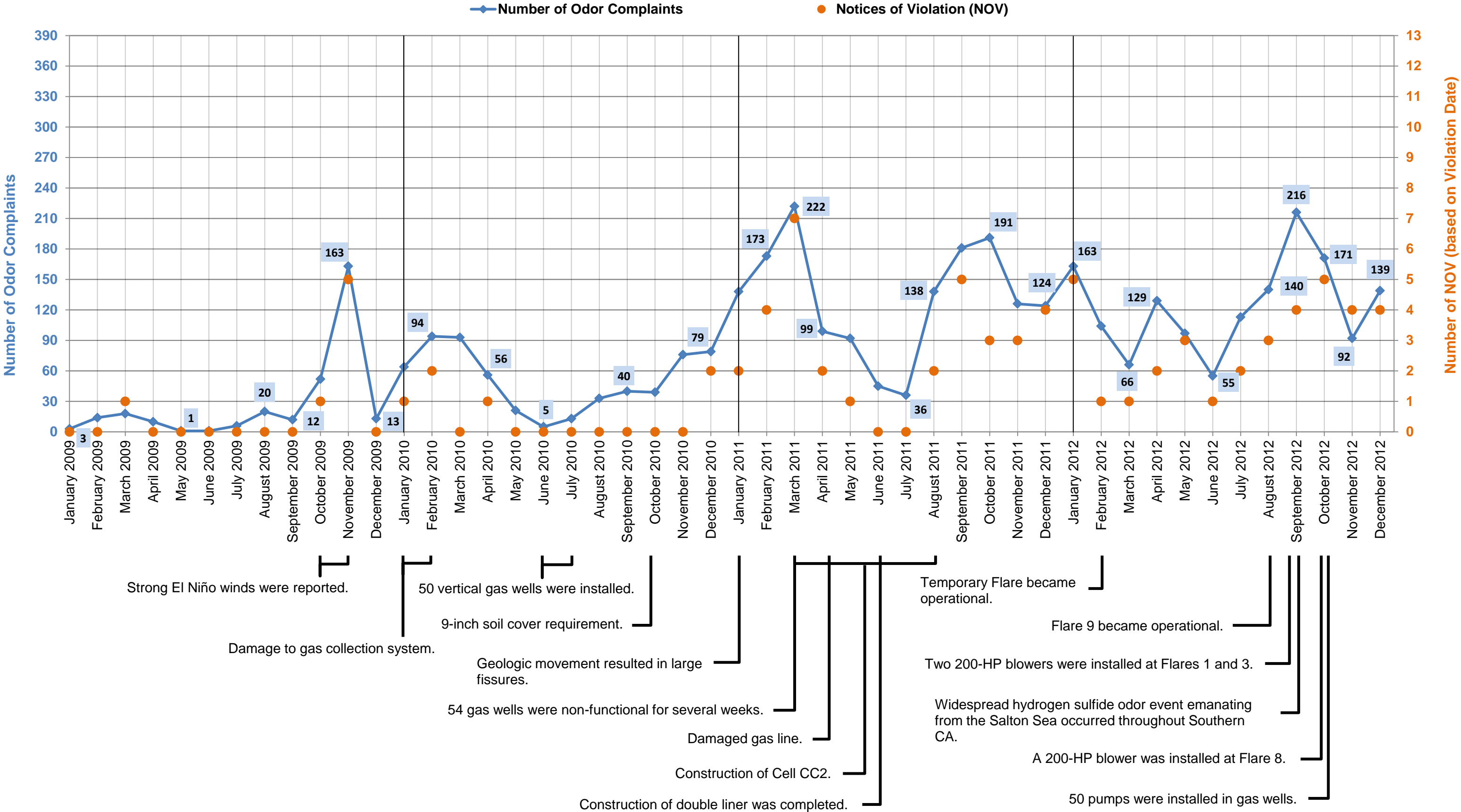
Note: 1.) Number of complaints are based on AQMD's Complaint Summary Monthly Reports.

2.) Number of Notices of Violation are based on SCAQMD's Facility Information Detail (FIND) website.

3.) Schools nearby are usually off in early June and resume around 2nd week of August.

Updated on February 2016

Number of Notices of Violation and Odor Complaints - Sunshine Canyon Landfill



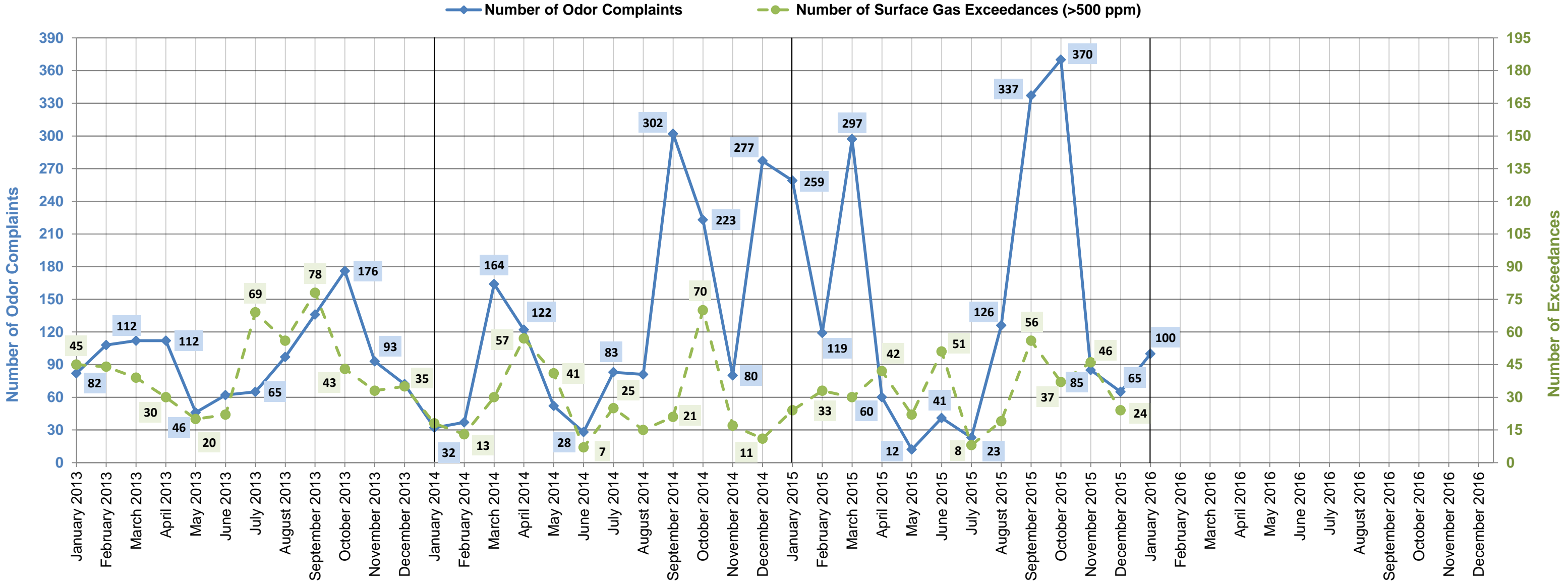
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Surface Gas Emissions and Number of Odor Complaints - Sunshine Canyon Landfill



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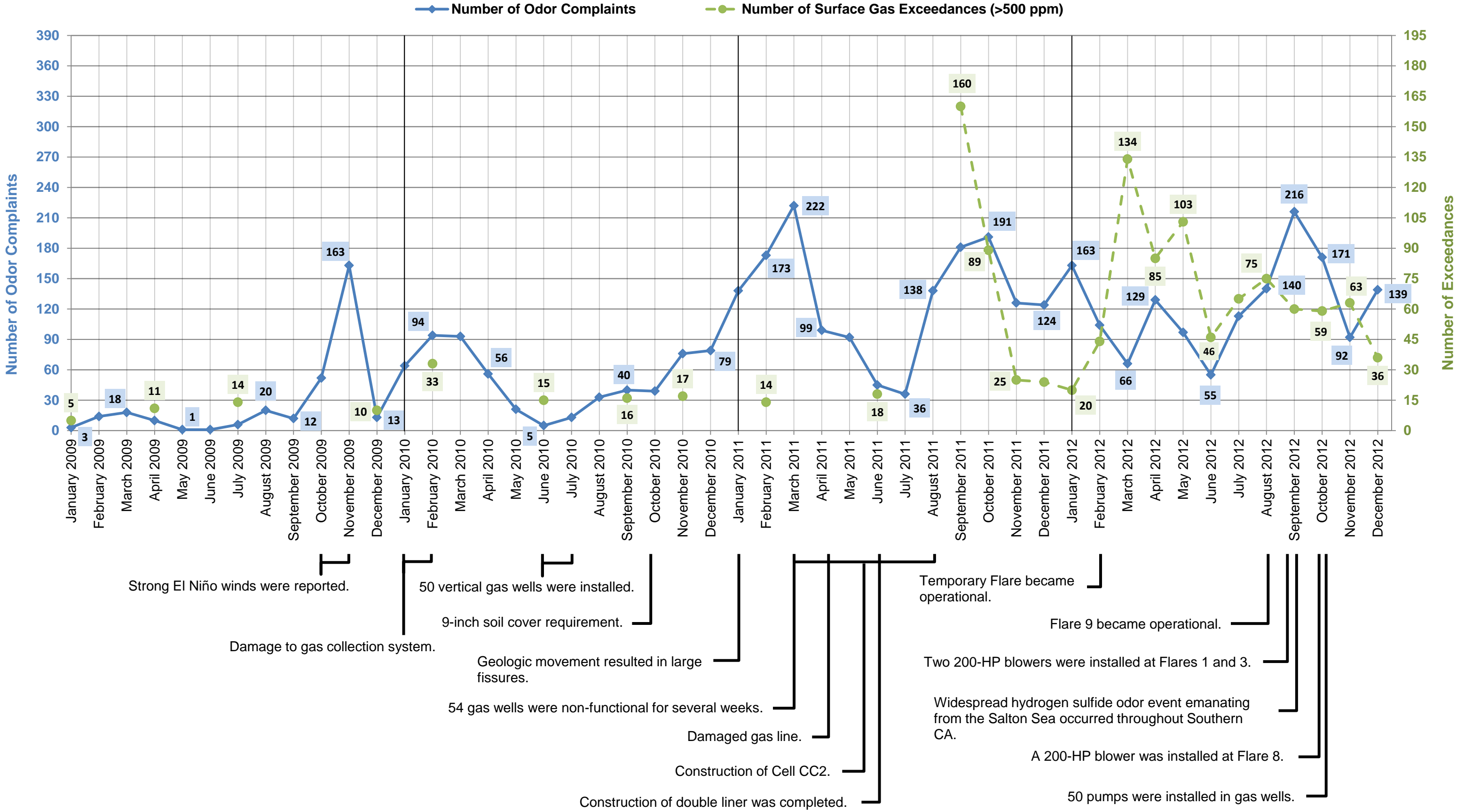
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Note: 1.) Number of complaints are based on AQMD's Complaint Summary Monthly Reports.
2.) Number of surface gas exceedances is based on Republic Services' Rule 1150.1 Quarterly Monitoring Reports.
3.) Schools nearby are usually off in early June and resume around 2nd week of August.

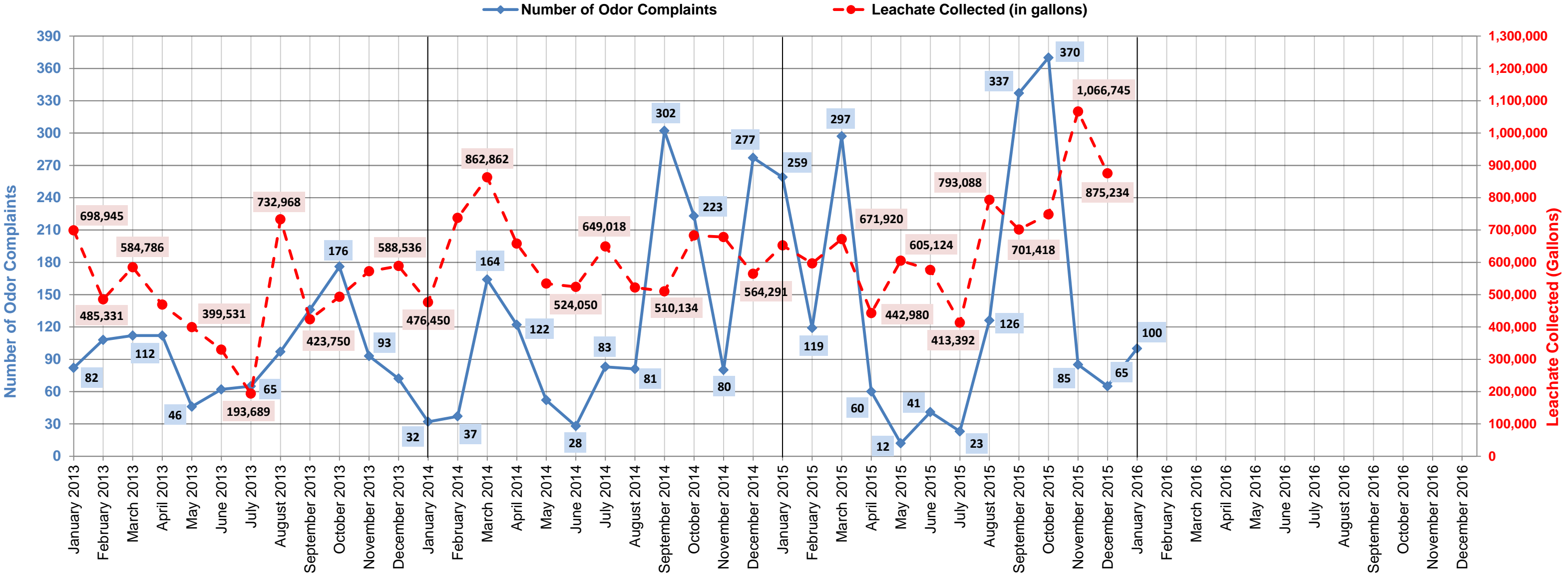
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Leachate Collected and Number of Odor Complaints - Sunshine Canyon Landfill



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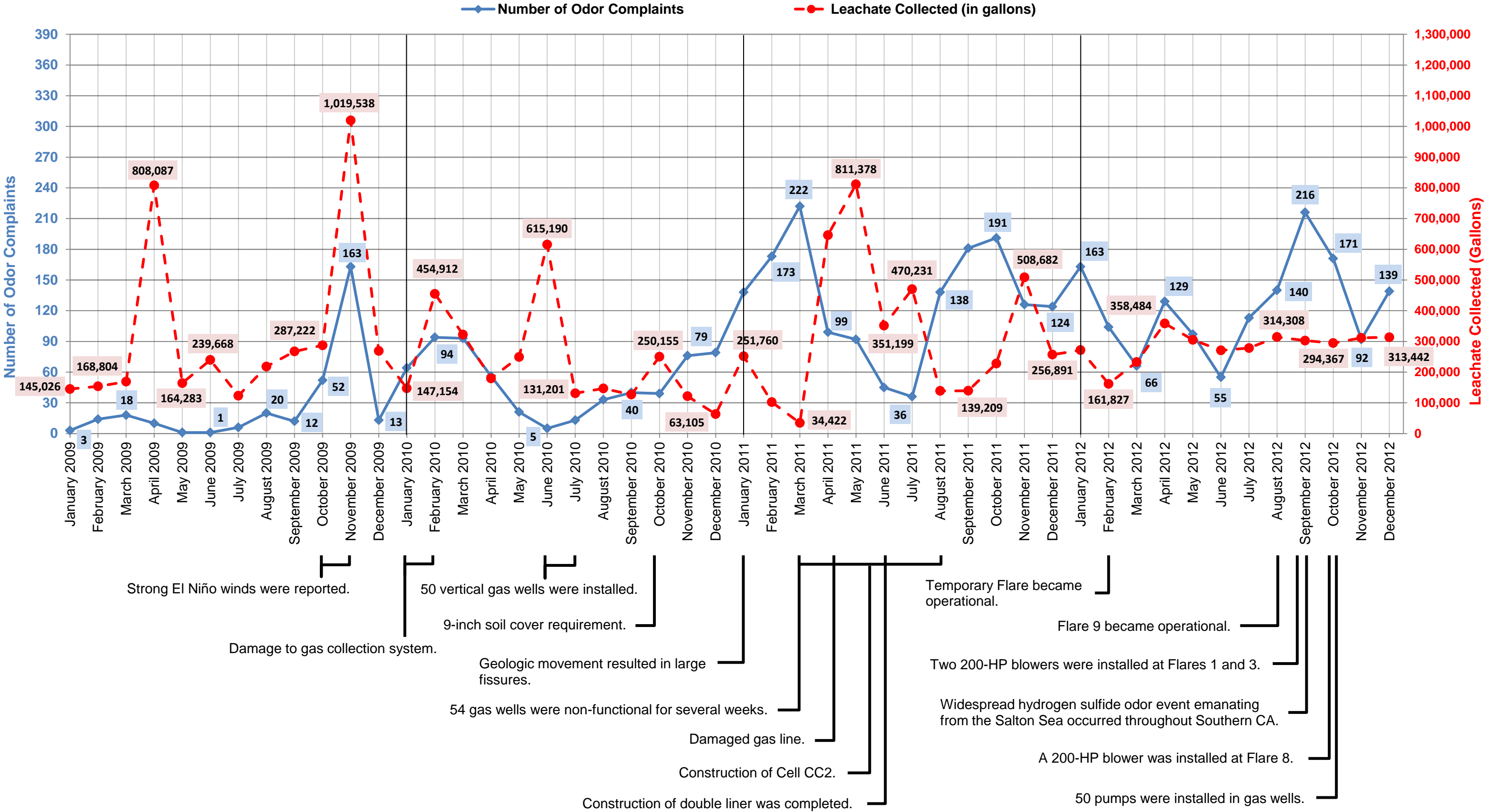
Note: 1.) Number of complaints are based on AQMD's Complaint Summary Monthly Reports.

2.) Leachate collected is based on Republic Services' Summary of Water Sources Quarterly Reports to the SCL-LEA.

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Updated on February 2016

Leachate Collected and Number of Odor Complaints - Sunshine Canyon Landfill



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